Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
European Journal of Operational Research 148 (2003) 687–689
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH
www.elsevier.com/locate/dsw

Contents Volume 148

1 Generalized network design problems
C. Feremans, M. Labbé and G. Laporte
14 A new method for group decision support based on ELECTRE III methodology
J.C. Leyva-López and E. Fernández-González
28 On the extension of pseudo-Boolean functions for the aggregation of interacting criteria
M. Grabisch, C. Labreuche and J.-C. Vansnick
48 New-invexity type conditions with applications to constrained dynamic games
D. Bhatia and A. Sharma
56 Blockmodels with maximum concentration
A. Jessop
65 Violations of conjoint independence in binary choices: The equate-to-differentiate interpretation
S. Li
80 On solving linear programs with the ordered weighted averaging objective
W. Ogryczak and T. Śliwiński
92 A note on a dynamic space-allocation method for outbound containers
K.H. Kim and K.T. Park
102 A decision support modelling framework for multiple use forest management: The Queen Elizabeth Forest case study in Scotland
V. Kazana, R.H. Fawcett and W.E.S. Mutch
116 Personnel allocation among bank branches using a two-stage multi-criterial approach
F. Aleskerov, H. Ersel and R. Yolalan
126 New formulations and solution procedures for the hop constrained network design problem
H. Pirkul and S. Soni
141 An efficient linear programming algorithm for combined heat and power production
R. Lahdelma and H. Hakonen
152 Bayesian inference for some Lanchester combat laws
L.I. Pettit, M.P. Wiper and K.D.S. Young
166 The effect of material flow and workload on the performance of machine location heuristics
B.R. Sarker
192 Structuring a delay and disruption claim: An application of cause-mapping and system dynamics
T. Williams, F. Ackermann and C. Eden
205 Preemptive scheduling on identical parallel machines subject to deadlines
M. Azizoğlu
211 Randomized multi-level lot-sizing heuristics for general product structures
N.P. Dellaert and J. Jeunet
229 Book Review
S. Sayin

doi:10.1016/S0377-2217(03)00216-9

231 Editorial: Introduction: Sport and Computers
R.H. Koning, G. Sierksma and S. van de Velde
233 Manager to go? Performance dips reconsidered with evidence from Dutch football
A. Bruinshoofd and B. ter Weel
247 Persistence in sequences of football match results: A Monte Carlo analysis
S. Dobson and J. Goddard
257 Forecasting the winner of a tennis match
F.J.G.M. Klaassen and J.R. Magnus
268 A simulation model for football championships
R.H. Koning, M. Koolhaas, G. Renes and G. Ridder
277 Team formation: Matching quality supply and quality demand
B.H. Boon and G. Sierksma
293 Endurance in speed skating: The development of world records
G.H. Kuper and E. Sterken
302 Scheduling sports competitions on multiple venues
T.L. Urban and R.A. Russell
312 Olympic ranking based on a zero sum gains DEA model
M.P.E. Lins, E.G. Gomes, J.C.C.B. Soares de Mello and A.J.R. Soares de Mello
323 An efficient simplex type algorithm for sparse and dense linear programs
K. Paparrizos, N. Samaras and G. Stephanides
335 Genetic and Nelder–Mead algorithms hybridized for a more accurate global optimization of continuous multiminima functions
R. Chelouah and P. Siarry
349 Difference of convex solution of quadratically constrained optimization problems
T. Van Voorhis and F.A. Al-Khayyal
363 A committed delivery strategy with fixed frequency and quantity
D.J. Thomas and S.T. Hackman
374 The concave cost supply problem
S.S. Chauhan and J.-M. Proth
384 An improved heuristic for deciding on emergency transshipments
S. Minner, E.A. Silver and D.J. Robb
401 Inventory without backorder with fuzzy total cost and fuzzy storing cost defuzzified by centroid and signed distance
J.-S. Yao and J. Chiang
410 A fully subjective approach to modelling inspection maintenance
S. Apeland and P.A. Scarf
426 Least-squares estimates in fuzzy regression analysis
C. Kao and C.-L. Chyu
436 Lumpable continuous-time stochastic automata networks
O. Gusak, T. Dayar and J.-M. Fourneau
452 Short-term robustness of production management systems: A case study
J.P.C. Kleijnen and E. Gaury
466 Erratum
E. Miller-Hooks and H. Mahmassani
467 Decision analysis based on fused double exponential possibility distributions
P. Guo and H. Tanaka
480 The structure of the set of equilibria for two person multicriteria games
P. Borm, D. Vermeulen and M. Voorneveld

494 An extension of the τ-value to games with coalition structures
B. Casas-Méndez, I. García-Jurado, A. van den Nouweland and M. Vázquez-Brage
514 Analyzing AHP-matrices by regression
P. Lainiren and R.P. Hämäläinen
525 Question selection for multi-attribute decision-aiding
H.A. Holloway and C.C. White III
534 A process-based model for priority convergence in multi-period group decision-making
E. Bendoly and D.G. Bachrach
546 The robust coloring problem
J. Yáñez and J. Ramírez
559 Vehicle routing problem with time windows and a limited number of vehicles
H.C. Lau, M. Sim and K.M. Teo
570 A demand-shifting feasibility algorithm for Benders decomposition
P. Wu, J.C. Hartman and G.R. Wilson
584 An approximation algorithm for computing longest paths
M.G. Scutellà
591 Using short-term memory to minimize the weighted number of late jobs on a single machine
L. Péridy, É. Pinson and D. Rivreau
604 Progress payments in project scheduling problems
M. Vanhoucke, E. Demeulemeester and W. Herroelen
621 An evolutionary heuristic for the index tracking problem
J.E. Beasley, N. Meade and T.-J. Chang
644 A probabilistic (max, +) approach for determining railway infrastructure capacity
A.F. de Kort, B. Heidergott and H. Ayhan
662 Efficiency of banks in a developing economy: The case of India
M. Sathye
672 Optimization of the keyboard arrangement problem using an Ant Colony algorithm
J. Eggers, D. Feillet, S. Kehl, M.O. Wagner and B. Yannou
687 Contents Volume 148